

## **ABSTRACT**

The present invention provides polyolefin compositions that exhibit both stiffness and toughness. Polyolefin compositions according to the invention include a polyolefin homopolymer resin such as polypropylene and an impact modifying fluid that includes a nonionic surfactant and optionally a diluent such as mineral oil. The nonionic surfactant can be an ethoxylated sorbitan fatty acid ester such as ethoxylated sorbitan trioleate. Unfilled impact modified polypropylene homopolymer formed in accordance with the invention preferably exhibits a Gardner impact strength of at least 100 in-lbs, a flexural modulus of at least 40 kpsi and a tensile modulus of at least 60 kpsi.